

Public Notice

Permit Application Number: NRS# 04.079

Applicant: Mr. James Liles
PO Box 492
Arlington, TN 38002

Location: Unnamed tributary to Hall Creek. Arlington. Shelby County

Watershed Description: The proposed project is located at Mile 1.3 of an unnamed tributary of Hall Creek (Mile 1.5), which is located within the Loosahatchie watershed (Hydrologic Map Unit TN 08010209). The unnamed tributary at the location consists of an approximate 13' wide channel with a sandy/silty loam substrate with minor pockets of small gravel. Current streamside vegetation includes various native grasses and shrubs with a tree canopy consisting of mixed deciduous species. The immediate area of the site is within a mixed agricultural and residential setting

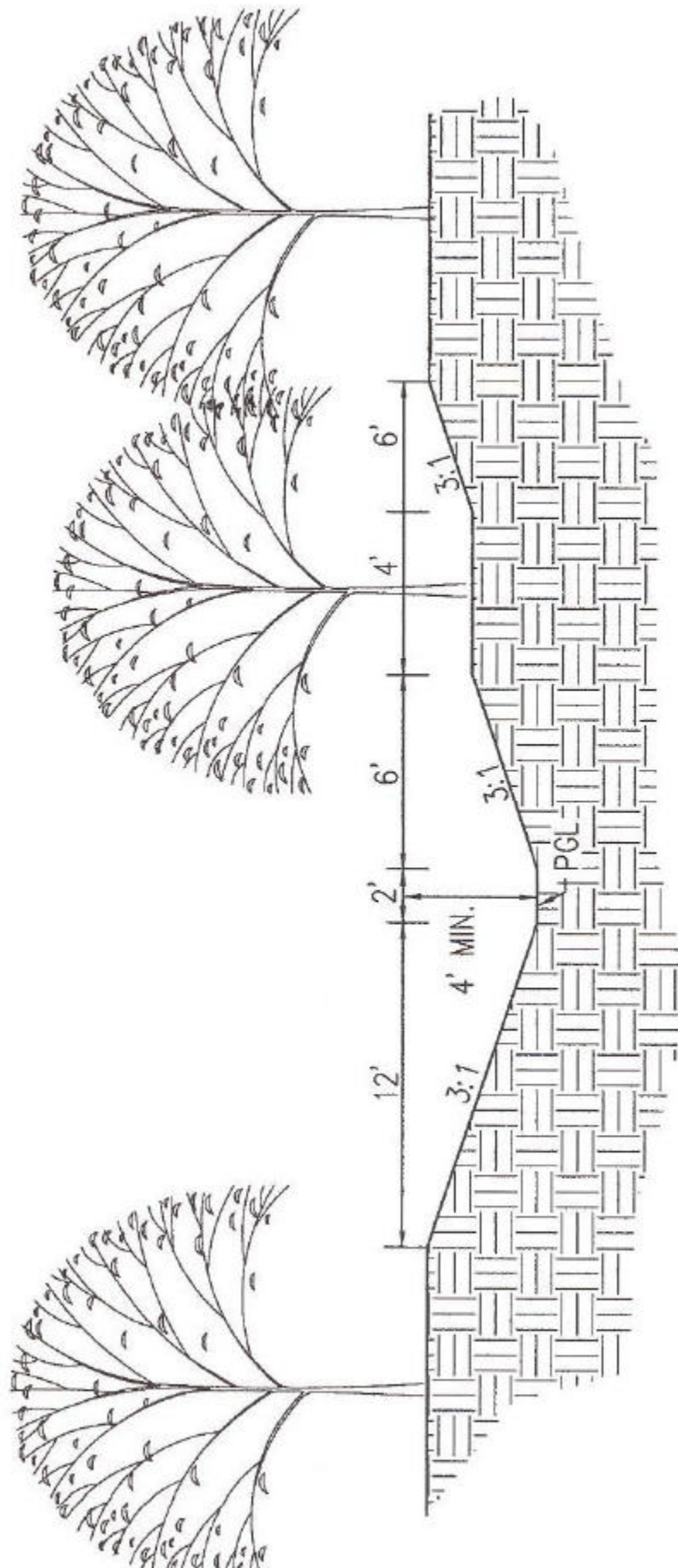
Description: The applicant proposes to relocate approximately 530 linear feet of the channel 30 feet east of its location for a new length of approximately 620 linear feet. The existing channel will be relocated to accommodate widening of Hayes Road. The applicant proposes to recreate sinuosity of the existing channel and to match the existing stream slope and velocity under low flow by the construction of a bench above the normal flow level for channel stability, habitat enhancement, and flood flows.

Native plantings and erosion matting have been included to stabilize the stream banks and for habitat enhancement. Trees shall be root-balled one-year seedlings and shall be maintained to ensure a survival rate of at least 75% for five years.

Permit Coordinator: Tracy J. Daugherty. STATE OF TENNESSEE, Department of Environment and Conservation, Division of Water Pollution Control, 7th Floor, L & C Annex, 401 Church Street, Nashville, Tennessee 37243-1534

USGS Quadrangle: Arlington, TN Quadrangle





CHANNEL TO BE LINED WITH CONTECH C--JUTE OR APPROVED EQUAL
AND SEEDED WITH 50% HULLED BERMUDA AND 50% WINTER RYEGRASS.

PROPOSED TYPICAL CHANNEL SECTION

N.T.S.